



PATENT
ATTORNEY DOCKET: 81263-88018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Attorney Docket No.: 81263-88018

GAROUTTE, Maurice V.

Group Art Unit: 2625

Serial No.: 09/773,475

Examiner: CHOUBIN, Barry

Filed: February 1, 2001

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Technology Center 2600

For: **SYSTEM FOR AUTOMATED SCREENING OF SECURITY CAMERAS**

**DECLARATION OF MAURICE V. GAROUTTE
UNDER 37 CFR 1.132**

Maurice V. Garoutte declares as follows:

1. I am the applicant and inventor in the above-identified patent application.
2. I am the Chief Technical Officer of Cernium Inc., formerly Sentry Engineering, Inc., doing business as Ross Technologies, Inc., having a business address at 146 W. Lockwood, Webster Groves, MO 63119, assignee of my above-identified patent application.
3. I am a member of the Security Industry Association.
4. Cernium, Inc., is in the business of developing and selling security systems involving methods and apparatus for automated screening of security cameras, as in large-scale security CCTV (Closed Circuit Television) systems, by which it is possible and practical to employ methods for real-time analysis by a computer system for automated screening of video image data for subject content.
5. I attach as an appendix to this Declaration a so-called white paper, namely a detailed authoritative report, which I have prepared. It is entitled TERRAIN MAP, AN IMAGE SPACE FOR MACHINE VISION.

6. I attach this white paper letter for the purpose of emphasizing the inventive features, operation, method and advantages of inventive subject matter of my above-identified patent application and to assist in showing that my inventions set forth in that application provide an effective and advantageous solution to presenting and analyzing data for machine vision and differ from the prior art.

7. As will be understood from the white paper, MacCormack U.S. Patent 6,031,573 and Brady U.S. Patent 5,761,326, disclose image processing of conventional image formats and conventional color spaces, all as well known in the art. The white paper explains that the concepts of the Terrain Map and BDP color space of the present invention are fundamentally different from the conventional image formats and color space disclosed by the referenced patents. The white paper discloses the philosophical underpinnings, mathematical derivation, and practical applications of the inventive methodology and system of my patent application.

8. In referring to "machine vision" in that title of the white paper, I have reference to real-time analysis of video image data and I also mean that such machine vision is computer-implemented.

9. In the text of the white paper, I have referred to a new color space named "Brightness-Direction-Purity (BDP)". That terminology is simply another, more vivid, way of referring to the color space referred to in my above-identified patent application, where I originally used a more technical definition of color space calculations. The white paper refers to the same color space calculations as I have set forth in my patent application. The term "color purity" used by me in the white paper is used with precisely the same meaning as "degree of color" used in my patent application. Thus, it is to be understood that by "Brightness-Direction-Purity (BDP)" in the white paper I refer exactly to the color space defined and explained in the patent application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that

such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Maurice V. Garoutte

A handwritten signature in black ink, appearing to read "Maurice V. Garoutte", written over a horizontal line.

Date: 09-22-04